



5-13-04

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1647

## AMENDMENT TRANSMITTAL LETTER

Docket No.  
UMV-1584Application No.  
09/357273-Conf. #9009Filing Date  
July 20, 1999Examiner  
Hayes, Robert ClintonArt Unit  
1647Applicant(s): Randal J. KAUFMAN *et al.*

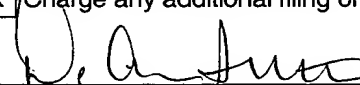
Invention: IRE1P, NOVEL MAMMALIAN PROTEIN, AND GENE ENCODING SAME

## TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

| CLAIMS AS AMENDED  |   |   |                                   |      |       |
|--|---|---|-----------------------------------|------|-------|
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present | Rate |       |
| Total Claims   | 12  | - 30 =                                  | 0                                 | x    | 0.00  |
| Independent<br>Claims  | 2   | - 7 =                                   | 0                                 | x    | 0.00  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |   |   |                                   |      |       |
| Other fee (please specify): Extension for response within first month    |   |   |                                   |      | 55.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:                                 |   |   |                                   |      | 55.00 |

☐ Large Entity☒ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 12-0080 in the amount of \$ 55.00.  
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-0080  
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.  
DeAnn F. Smith  
Attorney Reg. No.: 36,683Dated: May 11, 2004LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 377 652 125 US, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 11, 2004

Signature:  (DeAnn F. Smith)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 55.00

## Complete if Known

Application Number 09/357273-Conf. #9009  
Filing Date July 20, 1999  
First Named Inventor Randal J. KAUFMAN  
Examiner Name Hayes, Robert Clinton  
Art Unit 1647  
Attorney Docket No. UMV-1584

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number

12-0080

Deposit  
Account  
Name

Lahive & Cockfield, LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | Small Entity |          |          |
|--------------|--------------|----------|----------|
| Fee Code     | Fee (\$)     | Fee Code | Fee (\$) |
| 1001         | 770          | 2001     | 385      |
| 1002         | 340          | 2002     | 170      |
| 1003         | 530          | 2003     | 265      |
| 1004         | 770          | 2004     | 385      |
| 1005         | 160          | 2005     | 80       |

SUBTOTAL (1) (\$ 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 12                 | -30** =      |                | 0.00     |
| Independent Claims | 2            | -7** =         | 0.00     |
| Multiple Dependent |              |                |          |

| Large Entity | Small Entity |          |          |
|--------------|--------------|----------|----------|
| Fee Code     | Fee (\$)     | Fee Code | Fee (\$) |
| 1202         | 18           | 2202     | 9        |
| 1201         | 86           | 2201     | 43       |
| 1203         | 290          | 2203     | 145      |
| 1204         | 86           | 2204     | 43       |
| 1205         | 18           | 2205     | 9        |

SUBTOTAL (2) (\$ 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity | Small Entity |          |          | Fee Description  | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| Fee Code     | Fee (\$)     | Fee Code | Fee (\$) |  |          |
| 1051         | 130          | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50           | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053         | 130          | 1053     | 130      | Non-English specification  |          |
| 1812         | 2,520        | 1812     | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804         | 920*         | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*       | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110          | 2251     | 55       | Extension for reply within first month                                     | 55.00    |
| 1252         | 420          | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253         | 950          | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254         | 1,480        | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255         | 2,010        | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401         | 330          | 2401     | 165      | Notice of Appeal   |          |
| 1402         | 330          | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403         | 290          | 2403     | 145      | Request for oral hearing   |          |
| 1451         | 1,510        | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110          | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,330        | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501         | 1,330        | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502         | 480          | 2502     | 240      | Design issue fee   |          |
| 1503         | 640          | 2503     | 320      | Plant issue fee  |          |
| 1460         | 130          | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807         | 50           | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806         | 180          | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40           | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 770          | 2809     | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810         | 770          | 2810     | 385      | For each additional invention to be examined (37CFR 1.129(b))              |          |
| 1801         | 770          | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900          | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 55.00

## SUBMITTED BY

Name (Print/Type) DeAnn F. Smith

Registration No. (Attorney/Agent)

36,683

(Complete (if applicable))

Telephone (617) 227-7400

Signature

Date

May 11, 2004

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Dated: May 11, 2004

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